

## DESCRIPTION

CIL is a specially formulated, silica-based product for reducing corrosion normally associated with marine and offshore potable/fresh water storage and delivery systems. The introduction of this product into the storage tank and distribution piping will form a protective barrier-type film on internal metal surfaces. In addition, CIL will not impart any color, odor or taste to water being treated.

CIL has been tested and certified by NSF International, the widely recognized and respected independent certification organization for public health safety. CIL is certified to NSF/ANSI/CAN Standard 60 Drinking Water Treatment Chemicals Health Effects, to a maximum use level of 42 ppm.



Certified to  
NSF/ANSI/CAN 60

## APPLICATION & USE

### Potable Water Tanks

CIL can either be slug dosed or fed to the tank with a DREW Beta Metering system. Dose 0.03 liters of CIL per ton of water to achieve 42 ppm. This dosage will give approximately 12 ppm of SiO<sub>2</sub>.

**NOTE:** Water treated with CIL should not be used in boiler systems.

### FEATURES

- Contains Silicates
- Phosphate-free
- Adds no odor, color, or taste, or color to drinking water
- Certified by NSF
- Concentrated liquid
- Silica levels are accurately controlled
- Stocked Worldwide

### Permanent Fresh Water Ballast Tanks

The recommended initial dose is 32 ppm SiO<sub>2</sub>. To achieve this, dose 0.08 liter of CIL per ton of fresh water. After initial dosage, monitor the amount of silica in the system. In order to maintain the silica level at approximately 32 ppm in a tank previously dosed with CIL, additional product may be needed. Add 0.01 liter of CIL per ton of water until the recommended silica level is achieved.

A Silica Test Kit is available (PCN 0376013), which monitors the amount of SiO<sub>2</sub> in the system.

## TYPICAL PHYSICAL PROPERTIES

Appearance:	Clear, viscous liquid
Specific Gravity at 25° C:	1.4
Flash Point (PMCC):	None
Freeze Point:	0°C
pH:	11.0

**NOTE:** Always wear the appropriate personal protective equipment when using this product.

## PACKAGING

CIL is available in 25-liter containers (PCN 0065400).

### BENEFITS

- Form protective coating to prevent corrosion
- Control/ eliminate red water
- Compatible with disinfectants used to treat potable water
- Maintain potable water systems/ avoid costly replacement and down time
- Minimum environmental impact
- No phosphates in drinking water or grey water
- No impact on drinking water taste, appearance, or food preparation
- Safe to use
- Cost effective
- No complex delivery equipment required
- Easy to dose
- Drew testing equipment supports proper, cost effective dosing
- Minimum onboard inventory required



Contact your Drew Marine representative for more information

## IMPORTANT INFORMATION

Drew Marine maintains Safety Data Sheets on all of its products. Safety Data Sheets contain health and safety information for your development of appropriate product handling procedures to protect your employees.

Our Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using Drew Marine products.



# **Drew Marine**

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